

USCG Thirteenth District
Waterways Analysis and Management System Questionnaire

Waterway: **Grays Harbor**

Introduction: The United States Coast Guard is conducting a user survey for Grays Harbor to validate the adequacy of existing aids to navigation system and to gain a better understanding of the uses of the waterway and general safety issues. The information collected from this survey will be used to see what may be done to enhance safe navigation of the waterway and to anticipate and plan our budgeting processes.

Instructions: Please complete this survey and return to Commander, Thirteenth Coast Guard District (dpw), Attn: LTJG Amy Tynan, 915 Second Ave., Seattle, WA 98174. The survey can also be scanned/e-mailed to d13-pf-d13dpw@uscg.mil or faxed to (206) 220-7265. Comment period for this study ends on January 31, 2015. A blank copy of this survey is available on the Coast Guard District 13 WAMS website <http://www.uscg.mil/d13/dpw/wams.asp>

1. Mariner Profile: If you operate more than one vessel, provide information for the vessel you operate for the majority of your transits. You may also submit separate surveys for other vessels you operate if you use the waterway differently.

Name: _____

Address: _____

City: _____

State, ZIP: _____

Phone No.: (____)_____

E-mail address: _____

Vessel Name: _____

Vessel Type: _____

Vessel Length: _____

Vessel Beam: _____

Vessel Draft: _____

Vessel Tonnage: _____

Purpose of Transits: _____

Transit Information:

___ Daily ___ Weekly ___ Monthly

___ Daytime ___ Nighttime ___ Annually

Winter/Spring/Summer/Fall (circle as appropriate)

High Tide/Low Tide/In Ice/Restricted Visibility
(circle as appropriate)

Are there any special conditions for timing your transit (e.g. only transit during high tide)?

Do you use the Grays Harbor Pilots? Y/N

Navigational equipment most used while transiting this waterway:

___ Paper Chart ___ RADAR

___ Electronic Plotter/Charts

___ Seaman's Eye ___ Fathometer

___ Spot Light ___ Mag Compass

___ Gyro Compass

___ Other (please specify)_____

Publications most used while transiting this waterway:

___ Coast Pilot ___ Local Notice to Mariners

___ Light List ___ Broadcast Notice to Mariners

___ Tide & Current Tables

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2. *General Questions:*

a. How many years have you sailed in this waterway? _____

b. In general, have you had any problems safely navigating this waterway? Yes/No

If yes, why? _____

c. Are there any special regulations (i.e. bridge operations, Captain of the Port Orders, Regulated Navigation Area Closures) on this waterway that affect you? Yes/No

If yes, please explain the impact (Positive or Negative)?

3. *What is your ideal method for obtaining marine information (web based Local Notice to Mariners, Radio Broadcasts, AIS, Twitter, etc)?*

4. *In your opinion, are changes to aids in this navigation system needed to enhance marine safety (number of aids, range of visibility, light characteristics, location of aids, need for radar reflectors/lighting, etc)?*

5. *Do you feel that the current charts are accurate (including depth information)? Are all necessary items charted?*

6. *Additional User Comments:*

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7. *Aids to Navigation Usage: Please rate the following aids to navigation: 1 (Don't use it) to 3 (Critical to my operation.) Please utilize Attachments 1 (A through I) for reference to help locate the aids.*

Light List Number/Name of Aid		Don't use it 1	Use 2	Critical 3
720	Grays Harbor Light	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
725	Grays Harbor Approach Lighted Whistle Buoy GH	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15540	Grays Harbor Bar Range Front Light	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15545	Grays Harbor Bar Range Rear Light	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15550	Grays Harbor Entrance Lighted Whistle Buoy 2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15555	Grays Harbor Entrance Lighted Whistle Buoy 3	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15560	Grays Harbor Entrance Lighted Whistle Buoy 4	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15570	Grays Harbor Entrance Lighted Whistle Buoy 6	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15571	Grays Harbor Entrance Lighted Whistle Buoy 8	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15575	Grays Harbor Entrance Lighted Buoy 9	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15585	Point Chehalis Range Front Light	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15590	Point Chehalis Range Rear Light	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15591	Grays Harbor South Jetty Sound Signal	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15595	Grays Harbor Channel Lighted Whistle Buoy 11	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15600	Grays Harbor Channel Lighted Whistle Buoy 13	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15610	Grays Harbor South Reach Range A Front Light	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15615	Grays Harbor South Reach Range A Rear Light	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15620	Grays Harbor South Reach Lighted Bell Buoy 14	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15630	Grays Harbor South Reach Lighted Buoy 15A	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15635	Grays Harbor South Reach Light 16	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15640	Grays Harbor South Reach Lighted Buoy 17	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15645	Grays Harbor South Reach Lighted Bell Buoy 18	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15655	Grays Harbor South Reach Lighted Gong Buoy 21	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15660	Grays Harbor South Reach Lighted Junction Buoy SC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15665	Grays Harbor South Reach Range AA Front Light	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15670	Grays Harbor South Reach Range AA Rear Light	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15675	Grays Harbor South Reach Buoy 23	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15680	Grays Harbor South Reach Lighted Buoy 24	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15685	Grays Harbor North Channel Range B Front Light	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15690	Grays Harbor North Channel Range B Rear Light	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15695	Grays Harbor North Channel Lighted Buoy 25	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15700	Grays Harbor North Channel Lighted Bell Buoy 26	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15705	Grays Harbor North Channel Lighted Buoy 27	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15710	Grays Harbor North Channel Buoy 28	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15715	Grays Harbor North Channel Range C Front Light	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

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15720	Grays Harbor North Channel Range C Rear Light	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15725	Grays Harbor North Channel Lighted Buoy 29	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15730	Grays Harbor North Channel Lighted Buoy 30	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15735	Grays Harbor North Channel Range D Front Light	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15740	Grays Harbor North Channel Range D Rear Light	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15745	Grays Harbor North Channel Range E Front Light	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15750	Grays Harbor North Channel Range E Rear Light	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15755	Grays Harbor North Channel Lighted Buoy 32	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15760	Grays Harbor North Channel Lighted Buoy 34	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15765	Grays Harbor North Channel Lighted Buoy 35	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15770	Grays Harbor North Channel Lighted Buoy 36	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15775	Grays Harbor North Channel Lighted Buoy 40	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15785	Grays Harbor North Channel Range F Front Light	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15790	Grays Harbor North Channel Range F Rear Light	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15795	Grays Harbor North Channel Lighted Buoy 44	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15805	Grays Harbor North Channel Light 46	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15810	Cow Point Reach Range G Front Light	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15815	Cow Point Reach Range G Rear Light	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15830	Cowpoint Turning Basin Daybeacon A	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15835	Cowpoint Turn Basin Daybeacon B	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15840	Grays Harbor North Channel Light 51	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15841	Grays Harbor North Channel Lighted Buoy 52	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15842	Grays Harbor North Channel Lighted Buoy 54	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15850	Cow Point Reach Range H Front Light	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15855	Cow Point Reach Range H Rear Light	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15860	Cow Point Reach Range J Front Light	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15865	Cow Point Reach Range J Rear Light	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15870	Aberdeen Reach Range K Front Light	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15875	Aberdeen Reach Range K Rear Light	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15880	Grays Harbor North Channel Light 55	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15885	Aberdeen Harbor Light 1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15890	Aberdeen Reach Range L Front Light	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15895	Aberdeen Reach Range L Rear Light	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15900	Aberdeen Harbor Light 3	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15925	Grays Harbor North Bay Lighted Buoy 1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15930	Grays Harbor North Bay Buoy 2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15935	Grays Harbor North Bay Buoy 4	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15940	Damon Point Light	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

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15950	Grays Harbor South Channel Light 6	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15955	Johns River Entrance Light 8	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15960	Johns River Daybeacon 1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15965	Johns River Daybeacon 3	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15981	Point Chehalis Lighted Buoy 2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15985	Grays Harbor Regulated Navigation Area Warning Sign (2)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15990	Point Chehalis Lighted Buoy 4	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15995	Point Chehalis Light 6	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
16001	Westhaven Light 7	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
16005	Westhaven Outer Breakwater North Light 8	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
16010	Westhaven Outer Breakwater South Light 10	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
16015	Westhaven South Breakwater Light 11	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
16020	Westhaven Cove Southeast Entrance Light 1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
16025	Westhaven Cove Southeast Entrance Light 2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
16030	South Bay Channel Daybeacon 1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
16035	South Bay Channel Daybeacon 4	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
16040	South Bay Channel Daybeacon 5	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
16045	South Bay Channel Daybeacon 6	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
16050	South Bay Channel Daybeacon 8	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
16055	South Bay Channel Daybeacon 10	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
16060	South Bay Channel Daybeacon 12	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
16065	South Bay Channel Daybeacon 14	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
16070	South Bay Channel Daybeacon 16	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Thank you for your support!